United States Department of Labor



Bureau of Labor Statistics

Washington, D.C. 20212

FOR TECHNICAL INFORMATION: Patrick C. Jackman (202) 606-7000

CPI Quickline:

(202) 606-6994

FOR CURRENT AND HISTORICAL

INFORMATION:

(202) 606-7828 MEDIA CONTACT: (202) 606-5902

USDL-93-19

TRANSMISSION OF MATERIAL IN THIS RELEASE IS EMBARGOED UNTIL 8:30 A.M. (EST)

Friday, January 15, 1993

CONSUMER PRICE INDEX--DECEMBER 1992

The Consumer Price Index for All Urban Consumers (CPI-U) declined 0.1 percent before seasonal adjustment in December to a level of 141.9 (1982-84-100), the Bureau of Labor Statistics of the U.S. Department of Labor reported today. For the 12-month period ended in December, the CPI-U increased 2.9 percent.

The Consumer Price Index for Urban Wage Earners and Clerical Workers (CPI-W) was unchanged in December prior to seasonal adjustment. The December 1992 CPI-W level of 139.8 was 2.9 percent higher than the index in December 1991.

CPI for All Urban Consumers (CPI-U)

On a seasonally adjusted basis, the CPI-U rose 0.1 percent in December, following a 0.2 percent increase in November. The food index, which was unchanged in each of the 2 preceding month, rose 0.2 percent in December. Offsetting this advance was a 0.6 percent decline in the energy index. Excluding food and energy, the CPI-U rose 0.1 percent in December, following increases of 0.5 and 0.3 percent in October and November, respectively. This moderation largely reflected a downturn in the apparel index.

Table A. Percent changes in CPI for All Urban Consumers (CPI-U)

Expenditure category			Compound annual rate 3-mos. ended	Unadjusted 12-mos. ended					
	June	July		Sep.	Oct.			Dec. '92	Dec. '92
All items	.3	.1	.3	.2	. 4	.2	.1	2.9	2.9
Food and beverages	1.1	1	.7	. 4	.1	1	.3	1.2	1.6
Housing	.4	.1	.1	.1	. 4	.2	.1	2.9	2.6
Apparel and upkeep	2	2	.0	.2	.3	. 1	9	-2.1	1.4
Transportation	.5	.5	1	. 0	. 6	.5	1	4.2	3.0
Medical care	.4	.5	. 4	.5	. 6	. 4	.5	6.2	6.6
Entertainment Other goods and	.0	.3	.1	.4	.2	.1	.1	1.7	2.8
services	.2	.4	.7	.5	. 8	.3	.8	7.7	6.5
Special indexes:	1				-				
Energy	2.0	.3	2	.0	. 5	. 8	6	2.7	2.0
Food	.1	1	. 9	. 4	.0	.0	.2	.9	1.5
All items less food		-	-		_				
and energy	.2	.2	. 2	. 2	. 5	. 3	.1	3.3	3.3

For the 12 month period ended in December, the CPI-U advanced 2.9 percent. This compares with a 3.1 percent increase in 1991 and was the smallest annual change since a 1.1 percent rise in 1986. While the overall increases in 1991 and 1992 were similar, the composition was notably different. The deceleration in 1991 was largely a result of the downturn in petroleum-based energy prices, which had escalated sharply following the Iraqi invasion of Kuwait in August 1990. In 1992, energy prices turned back up, albeit at a moderate rate. The upturn in gasoline prices was responsible for the larger increase in the transportation component. Each of the other seven major expenditure groups, however, rose less in 1992 than during the preceding year. The food index, which in 1991 had recorded its smallest advance since a 0.5 percent increase in 1976, slowed further in 1992. The 3.4 percent rise in this component over the past 2 years was the smallest since the 2-year period ended in December 1963.

A notable aspect of the performance of the CPI-U in 1992 was the deceleration in the index for all items less food and energy. The 3.3 percent advance follows a 4.4 percent rise in 1991, and was the smallest increase in this index since a 3.0 percent rise in 1972, a period of price controls. The slowdown in 1992 was evident in both commodity and service prices, with the index for services less energy accounting for slightly more than half of the deceleration in the index for all items less food and energy. The smaller increase in rent of shelter--up 2.9 percent in 1992, following a 3.9 percent rise in 1991--accounted for two-thirds of the service deceleration. The slowdown in prices for apparel commodities and alcoholic beverages were responsible for about two-thirds of the deceleration in the index for commodities less food and energy. The rates for selected groups during the past 9 years are shown below.

	1984	1985	1986	1987	1988	1989	1990	1991	1992	
All Items	3.9	3.8	1.1	4.4	4.4	4.6	6.1	3.1	2.9	
Food and beverages	3.8	2.8	3.7	3.5	5.1	5.5	5.3	2.5	1.6	
Housing	4.3	4.3	1.7	3.7	4.0	3.9	4.5	3.4	2.6	
Apparel and upkeep	2.0	2.8	. 9	4.8	4.7	1.0	5.1	3.4	1.4	
Transportation	3.1	2.6	-5.9	6.1	3.0	4.0	10.4	-1.5	3.0	
Medical care	6.1	6.8	7.7	5.8	6.9	8.5	9.6	7.9	6.6	
Entertainment Other goods and	4.2	3.1	3.4	4.0	4.6	5.1	4.3	3.9	2.8	
services	6.0	6.3	5.5	6.1	7.0	8.2	7.6	8.0	6.5	
Special indexes:										
Energy	.2	1.8	-19.7	8.2	.5	5.1	18.1	-7.4	2.0	
Food	3.8	2.6	3.8	3.5	5.2	5.6	5.3	1.9	1.5	
All Items less food										
and energy	4.7	4.3	3.8	4.2	4.7	4.4	5.2	4.4	3.3	

The food and beverage index rose 0.3 percent in December to a level 1.6 percent above a year ago. This compares with an increase of 2.5 percent in 1991. The moderation in 1992 reflects smaller increases in the indexes for food away from home and alcoholic beverages. Grocery store food prices increased 1.5 percent in 1992 after advancing 1.3 percent in 1991. In December, grocery store food prices increased 0.3 percent after decreasing 0.1 percent in November. The index for fruits and vegetables, which declined in both October and November, turned up in December, advancing 1.1 percent. A sharp increase in fresh vegetable prices more than offset declines in the indexes for fresh fruits and processed fruits and vegetables. The indexes for cereal and bakery products and other food at home also contributed to the December grocery store food increase, turning up in December after falling in November. Prices for dairy products, however, fell for the second month in a row. The index for meats, poultry, fish, and eggs rose 0.2 percent in December. Beef prices fell slightly in December, but rose 0.8 percent during the past 12 months. The index for pork rose 0.6 percent over the month, but remained 0.9 percent lower than at the end of 1991. Poultry prices rose slightly in December to a level 2.7 percent above a year ago. The other two components of the food and beverage index--restaurant meals and alcoholic beverages--increased 0.1 and 0.3 percent, respectively, in December. The 1.4 percent advance in the index for restaurant meals in the past 12 months was the smallest increase in this component since a similar one in 1964. The 2.9 percent increase in prices for alcoholic beverages in 1992 compares with a 9.9 percent rise in the preceding year, which resulted in part from the increase in the Federal excise tax at the beginning of 1991.

The housing component rose 0.1 percent in December, following a 0.2 percent increase in November. While all three major housing groups contributed to the smaller December increase, most of the deceleration was due to a downturn in the index for household fuels and other utilities. The index for household fuels declined 0.5 percent, as decreases in the indexes for fuel oil and natural gas--down 4.2 and 1.8 percent, respectively--more than offset a 0.6 percent increase in charges for electricity. During the 12 months ended in December, fuel oil prices have declined 3.4 percent, while charges for natural gas and electricity rose 5.1 and 1.7 percent, respectively. Shelter costs rose 0.1 percent in December, with a 0.3 percent increase in homeowners' costs more than offsetting small declines in the indexes for renters' costs and maintenance and repair costs. The 0.1 percent drop in renters' costs reflects a 0.5 percent decline in the index for lodging while out of town. Residential rents rose 0.1 percent. The index for household furnishings and operations fell 0.3 percent in December, following increases of 0.1 percent in each of the 2 preceding months.

Transportation costs declined in December, following increases of 0.6 and 0.5 percent in October and November, respectively. About 40 percent of the deceleration between November and December was due to a downturn in the index for motor fuels. Gasoline prices fell 0.9 percent and, as of December, were 14.8 percent lower than their peak level of November 1990. A decrease in automobile purchase costs also contributed to the decline in the transportation component. The index for new vehicles fell 0.2 percent and automobile finance charges dropped 1.6 percent. Used car prices, which had risen 10.2 percent in the preceding 8 months, declined 0.8 percent in December. During the past 12 months, prices for new vehicles and used cars rose 2.3 and 7.4 percent, respectively, while automobile finance charges fell 13.9 percent. The index for public transportation rose 0.5 percent in December, largely as a result of an increase in airline fares. After declining in 1991 and throughout most of 1992, airline fares turned up sharply in the fourth quarter and were 6.6 percent higher in December 1992 than a year ago.

The index for apparel and upkeep declined 0.9 percent in December, after advancing slightly in November. Holiday discounting was prevalent with the sharpest declines in women's and girls' clothing. During the 12 months ended in December, prices for apparel commodities rose 1.2 percent, substantially less than the 3.4 percent increase in 1991.

The medical care component increased 0.5 percent in December to a level 6.6 percent above a year ago. This compares with a 7.9 percent rise in 1991. The smaller but still substantial increase in 1992 was largely a result of the moderation in the index for prescription drugs--up 5.7 percent in 1992 after advancing 9.4 percent in 1991. The index for medical care services rose 0.5 percent in December and 7.0 percent during the past 12 months. Charges for professional services rose 5.7 percent in 1992, and hospital and related services increased 8.8 percent.

Entertainment costs increased 0.1 percent in December, the same as in the preceding month. Increases in the prices for admissions to movies, theaters, concerts, and sporting events and in reading materials more than offset declines in the indexes for toys, hobbies, and music equipment and sporting goods and equipment.

The other goods and services index advanced 0.8 percent in December to a level 6.5 percent above a year ago. The index for tobacco and smoking products rose 1.5 percent and accounted for about half of the monthly advance. During the past 12 months, increases in the indexes for tobacco products and tuition and other school fees--up 8.1 and 8.5 percent, respectively--accounted for over three-fourths of the annual increase in the other goods and services component.

CPI for Urban Hage Earners and Clerical Workers (CPI-W)

On a seasonally adjusted basis, the CPI for Urban Wage Earners and Clerical Morkers also rose 0.1 percent in December.

Table B. Percent changes in CPI for Urban Wage Earners and Clerical Workers (CPI-W)

			easona	lly ad	usted					
Expenditure		Chang	es fro	Compound annual rate	Unadjusted 12-mos.					
category	June	July	Aug.	1992 Sep.	Oct.	Nov.	Dec.	3-mos. ended Dec. '92	ended Dec. '92	
All items	1.3	.2	.4	.1	.4	.2	.1	2.6	2.9	
Food and beverages	1.1	1	.7	.4	.1	1	.4	1.7	1.6	
Housing	1.4	.1	.1	.1	.4	.3	.1	3.0	2.6	
Apparel and upkeep	2	.0	.4	2	.3	.1	9	-2.1	1.6	
Transportation	.6	. 6	.0	.0	. 6	.4	2	2.9	3.0	
Medical care	.5	. 6	.4	.5	.5	.5	.5	6.0	6.8	
Entertainment	0.	.4	.1	.3	.2	.2	.0	1.7	2.7	
Other goods and										
services	1.1	.4	.7	. 6	. 8	.2	.7	6.8	6.4	
Special indexes:										
Energy	1.9	.4	3	1	.5	1.0	7	3.1	1.9	
Food	1.1	1	.7	.4	.1	1	.4	1.5	1.5	
All items less food	1									
and energy	1.1	.3	.3	.1	.5	.2	.1	3.1	3.2	

Consumer Price Index data for January will be released on Thursday, February 18, 1993, 8:30 A.M. (EST).

Facilities for Sensory Impaired

Information from this release will be made available to sensory impaired individuals upon request. Voice phone: 202-606-7828, Telecommunications Device for the Deaf (TDD) phone: 202-606-5897, TDD Message Referral Phone Number: 1-800-326-2577.

Brief Explanation of the CPI

The Consumer Price Index (CPI) is a measure of the average change in prices over time in a fixed market basket of goods and services. The Bureau of Labor Statistics publishes CPIs for two population groups: (1) a CPI for All Urban Consumers (CPI-U) which covers approximately 80 percent of the total population and (2) a CPI for Urban Wage Earners and Clerical Workers (CPI-W) which covers 32 percent of the total population. The CPI-U includes, in addition to wage earners and clerical workers, groups such as professional, managerial, and technical workers, the self-employed, short-term workers, the unemployed, and retirees and others not in the labor force.

The CPI is based on prices of food, clothing, shelter, and fuels, transportation fares, charges for doctors' and dentists' services, drugs, and the other goods and services that people buy for day-to-day living. Prices are collected in 85 urban areas across the country from about 57,000 housing units and approximately 19,000 retail establishments-department stores, supermarkets, hospitals, filling stations, and other types of stores and service establishments. All taxes directly associated with the purchase and use of items are included in the index. Prices of food, fuels and a few other items are obtained every month in all 85 locations. Prices of most other commodities and services are collected every month in the five largest geographic areas and every other month in other areas. Prices of most goods and services are obtained by personal visits of the Bureau's trained representatives. Mail questionnaires are used to obtain public utility rates, some fuel prices, and certain other items.

In calculating the index, price changes for the various items in each location are averaged together with weights which represent their importance in the spending of the appropriate population group. Local data are then combined to obtain a U.S. city average. Separate indexes are also published by size of city, by region of the country, for cross-classifications of regions and population-size classes, and for 29 local areas. Area indexes do not measure differences in the level of prices among cities, they only measure the average change in prices for each area since the base period.

The index measures price change from a designated reference date--1982-84 which equals 100.0. An increase of 16.5 percent, for example, is shown as 116.5. This change can also be expressed in dollars as follows: the price of a base period "market basket" of goods and services in the CPI has risen from \$10 in 1982-84 to \$11.65.

For further details see BLS Handbook of Methods, Chapter 19, the Consumer Price Index, Bulletin 2414, September 1992.

Calculating Index Changes

Movements of the indexes from one month to another are usually expressed as percent changes rather than changes in index points, because index point changes are affected by the level of the index in relation to its base period while percent changes are not. The example in the accompanying box illustrates the computation of index point and percent changes.

Percent changes for 3-month and 6-month periods are expressed as annual rates and are computed according to the standard formula for compound growth rates. These data indicate what the percent change would be if the current rate were maintained for a 12-month period.

Index Point Change

CPI		115.7
Less previous index		111.2
Equals index point change		4.5
•	Percent Change	
Index point difference		4.5
Divided by the previous index		111.2
Equals		0.040
Results multiplied by one hundred		0.040x100
Equals percent change		4.0

A Note on Seasonally Adjusted and Unadjusted Data

Because price data are used for different purposes by different groups, the Eureau of Labor Statistics publishes seasonally adjusted as well as unadjusted changes each month.

For analyzing general price trends in the economy, seasonally adjusted changes are usually preferred since they eliminate the effect of changes that normally occur at the same time and in about the same magnitude every year--such as price movements resulting from changing climatic conditions, production cycles, model changeovers, holidays, and sales.

The unadjusted data are of primary interest to consumers concerned about the prices they actually pay. Unadjusted data also are used extensively for escalation purposes. Many collective bargaining contract agreements and pension plans, for example, tie compensation changes to the Consumer Price Index unadjusted for seasonal variation.

In most cases, seasonal factors used in computing the seasonally adjusted indexes are derived by the X-11-ARIMA Seasonal Adjustment Method. The updated seasonal data at the end of 1977 replaced data from 1967 through 1977. Subsequent annual updates have replaced 5 years of seasonal data, e.g., data from 1987 through 1991 were replaced at the end of 1991. The seasonal movement of all items and 47 other aggregations is derived by combining the seasonal movement of 60 selected components. Each year the seasonal status of every series is reevaluated based upon certain statistical criteria. If any of the 60 components change their seasonal adjustment status from seasonally adjusted to not seasonally adjusted, not seasonally adjusted data will be used for the last 5 years, but the seasonally adjusted indexes will be used before that period.

Effective with the calculation of the seasonal factors for 1990, the Bureau of Labor Statistics has used an enhanced seasonal adjustment procedure called intervention analysis in conjunction with X-11-ARIMA for some CPI series. Intervention analysis allows for better estimates of seasonally adjusted data. Extreme values and/or sharp movements which might distort the seasonal pattern are removed from the data prior to calculation of seasonal factors in X-11-ARIMA.

For the fuel oil and the motor fuels indexes, this procedure was used to offset the effects that extreme price volatility would otherwise have had on the estimates of seasonally adjusted data for those series. For some women's apparel indexes and the girls' apparel index, the procedure was used to offset the effects of changes in pricing methodology; for new cars, new trucks, and new vehicles, this procedure was used to offset the effects of changes in marketing strategies and the introduction of new models. For the tobacco and smoking products index, this procedure was used to offset the effects of increases in excise taxes and wholesale tobacco prices. For some alcoholic beverage series, intervention was used to offset the effects of excise tax increases.

An alternative to the intervention-adjusted X-11-ARIMA procedure is the state space model-based seasonal adjustment method. This method adjusts simultaneously for interventions and seasonal effects, rather than sequentially as in the X-11-ARIMA methodology, using structural statistical models with explanatory variables. The state space structural model-based method of seasonal adjustment was introduced in 1992 for the adjustment of January 1991-December 1991 indexes for three Women's apparel series: Dresses, Separates and sportswear, and Suits.

A description of intervention analysis, as well as a list of events treated as interventions and seasonal factors for these items may be obtained by writing the Bureau of Labor Statistics, Division of Consumer Prices and Price Indexes, Washington, DC 20212 or by calling Claire McAnaw on (202)606-6968.

CPI-U	Relative importance. December	Unadjuste Nov. 1992	d indexes Dec 1992	Percent ch Dec. 1991 Dec. 1991	ted ange to from-	Seaso perce Sept. to Oct.	nelly adjust change of	Mov. to
Expendature category	1991	1992	1992	Dec. 1991 .	104. 1792	oct.	Nov.	Dec.
All items (1967-100)	100.000	142.0 425.3	141.9 425.2	2.9	-0.1	0.4	0.2	0.1
Food and beverages Food at home Cereals and bakery products 1/ Heats, poultry, fish, and eggs Dairy products 1/ Fruits and vegetables Other food at home Sugar and sweets 1/ Fats and oils 1/ Bonalcobolic beverages Other prepared food Food away from home 1/ Alcoholic beverages	17.627 16.007 9.21 1.426 1.229 1.854 2.364 2.364	139.1 138.3 137.7 131.8 154.0 128.3 128.5 146.6	139-5 138-7 153-3 137-1 128-1 128-3 132-1 128-3	1.5	1.4	- 1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1.27
Food away from home 1/	6.085 1.621	141.5	121:4	1:1	-:1	:3	:	
Bousing Shelter Benters' coats 2/ Bent, residential Other renters' coats Homeowners' coats Homeowners' coats 2/ Owners' equivalent rest 2/ Household insurance 1/ 27 Maintenance and repair 27 Maintenance and repair services 1/ Haintenance and repair services 1/ Fuel and other utilities Foels	41.544 27.894 8.003 5.835 2.148 19.683 19.303 .380 .208	138.5 152.4 168.6 178.3 157.5 143.5 129.5	138.5 152.5 160.4 178.7 157.5 124.3 129.3	2.9				
Fuel and other utilities	7:327	122:3	121:3	-1:3	-:{	:3	1.0	-:3
Gas (piped) and electricity (energy	.419	92.1	91.8	-3.1	3	.5	5	-2.8
Other utilities and public	3.638	114.8	115.6	2.0	1	.3	1.3	2
Fuel and other utilities Fuel oil and other household fuel commodities Gas (piped) and electricity (energy services) Other utilities and public Services and operation 1/ Bouseheid furnishings and operation 1/ Bouseheeping supplies 1/ Bouseheeping services 1/	3 - 270 6 - 323 3 - 699 1 - 154 1 - 469	143.7 118.5 109.1 130.2 134.0	143.6 116.2 108.7 129.5 134.3	1.5	=:}	:1	:	-: }
Apparel commodities Men a and boys apparel Domes and girls apparel Joseph and coddlers apparel Other apparel commodities 1/ Apparel services 1/	5.535 1.451 2.517 .218 .800 .550	134 - 5 132 - 1 128 - 8 134 - 5 126 - 0 142 - 7	131 - 4 127 - 1 127 - 1 130 - 7 125 - 1 138 - 7	1:0	-2.7		1:0	-1.5 -2.7
Private transportation Bew vehicles Hav cars Used cars Hotor fuel Gasoline Haltenance and repairs 1/ Other private transportation Other private transportation Commodities 1/	15.533	127 - 2 127 - 3 129 - 7 129 - 7 129 - 2 102 - 2 102 - 2 103 - 3 104 - 7	129.0 124.7 130.5 129.5 129.0 100.2 100.2 155.5	3073334			57076	
Public transportation 1/	1:255	137:1	156:1	3:8	:}	5:8	2:3	:3
Medical care commedities Medical care commedities Medical care services Professional medical services	1:11	134:1		1:9	:	: 5	:	
Entertainment 1/ Entertainment commodities 1/	1:334	137:1	131:3] :•	-: }	:1	-:1	-:}
Other goods and services Tobacco and smoking products Personal care / Toilet goods and personal care appliances / Personal care services / Personal and educational Vapenous School books and supplies	1:113	131:8	111:1	1:1	1:2	1:1	-:}	1:5
Personal and educational services	3:375	134 : 1 101 : 1 101 : 1	141:3 204:3 123:3	1.3			:	
Commodity and service group All item Commodities Food and beverages Commodities less food and beverages 1/ Bondurables less food and beverages 1/ Bondurables less food beverages Bondurables less food beverages Bondurables less food beverages Services	100.000 17.627 76.850 16.77 76.850	139:1 139:1 125:1	141.7 130.1 139.5 124.3 129.7	7:00	-1:1		-:-	-::
Durables Services Reat of shelter 1/ 2/ Boushold services Teas reat of		120.0			Ĩ.	:	:	-:0
Services Best of Shelter / 2/ Bouschold services Tess rest of Shelter / Transportation services Bedical care Services Other Services	1:31				. 3	1:4	:	:}
Special Indexes	** ***	145.7	*** *					
All items less (Cod	72 - 106 72 - 106 72 - 107 73 - 317 73 - 340 17 - 340 17 - 341 74 - 655	125 - 1 125 -	135 - 1 138 - 9 138 - 5 130 - 5 130 - 5 150 - 3 160 - 7 150 - 3 160 - 7 150 - 3 160 - 7 150 - 3 160 - 7 160 -		-1.00			-1.55
Purchasing power of the consumer dollar:	3:11	}1:1 :331	123:5	1:1	-ī: †	:!	:}	-i:}

If Bot seasoncily adjusted 2/ Indexes on a December 1987-100 base.

Data not seasiable south as a whole, not to any specific date.

Dott: Index applies to a month as a whole, not to any specific date.

(1982-84-100	 otherwise	nated)

CPI-U	Annual	average 1992	Percent change from 1991 to 1992
All items (1967-100)	126-2	140.3	3.0
Food and beverages Food at home Coronis and bakery products Meats, poultry, fish, and eggs Pruits and vegetables Other food at home Sugar and ovests Fats and oils Bossicobolic beverages Other prepared food Pood away from home Alcobolic beverages	136 - 3 135 - 8 122 - 6 123 - 6 123 - 7 124 - 7 127 - 7 127 - 7	138 - 7 136 - 8 136 - 5 136 - 5 136 - 5 137 - 8 117 - 8 117 - 8 117 - 8	
Sousing Shelters coats 1/ Best residestial Other resters coats Boseowners coats 1/ Owners equivalest rest 1/ Boseobold insurance 1/ Maintenance and repair services Maintenance and repair services Maintenance and repair compodition Puel and other willities Facis	133.6 146.3 155.6 143.3 174.6 156.2 159.4 128.3 120.3 121.0	137.5 150.9 146.9 186.8 125.5 125.7 128.1	3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-3-
Sector Costs / Sector Costs Costs	94 - 6 91 - 6 107 - 9 107 - 5 107 - 6 107 - 6 107 - 6 107 - 7 107 - 7	90 .7 142 .5 109 .6 129 .6 129 .6 129 .6 129 .6 129 .5 129 .5 129 .5	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Dow vohicles Bow cars Bod cars Bod cars Botor fuel Gasoline Maintenance and repairs Other private transportation Other private transportation commodities Public transportation	123 - 8 124 - 9 125 - 3 125 -	176.5 174.6 179.2 128.4 173.2 173.2 173.2 173.2 173.2 173.2 173.2 173.2	
Medical care commedities Medical care services Medical care services Professional medical services			
Entertainment commedities Entertainment services	111:1	111:1	1:1
Other goods and services Tebaccs and anoking products Personal care Toilet goods and personal care appliances Personal care services Personal and educational expenses School books and aupplies Personal and educational services	171 - 6 102 - 7 137 - 6 137 - 6 137 - 7 186 - 5	103 - 3 124 - 3 124 - 3 127 - 3 128 - 3	
Commodities Food and beverages Commodities Food and beverages Commodities less food and beverages Apparel commodities Bondurables loss food and beverages Apparel commodities Bondurables loss food, beverages Bondurables loss food, beverages Bondurables Services Services Services Services Services Services Sould a care services	124 - 2 124 - 4 126 - 4 127 - 5 126 - 6 126 - 6	120 - 1 122 - 1 123 - 2 123 - 3 125 - 3	
Inectal Indones		150.5	
All items less food All items less shelter All items less shelter All items less soudical care Commodition less food Brederables less food and apparel Brederables less food and apparel Bervices less soudical care services Berry commodition care food and services Berry commodition less food and services Berry commodition services Berry commodition Fortiles less food and services Berry commodition Berrical less source and services Berry commodition Berrical less source and services Berry commodition services	135 - 5 135 -	107 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	

^{1/} Indexes on a December 1987-100 base.

(1982-84-100, unless otherwise moted)										
CPI-U	3	sally ad	justed 1	dezes		50000	percent	Philip 1	eval rate	
Or I-O	1551·	1552	1952	P#51	##F±	June 1992	5001-	Pec:	June 1992	P\$5:
Expenditure cotogory										
All items					3.5	2.6	2.6	2.9	3.1	2.7
Food and beverages Food at bone Coronia and bakery products 1/ Beats. poultry flob. and eggs Bairy products 1/ Fruits and vegetables Other food at bone Sugar and owners 1/ Fats and oils 1/ Bonalcobelic beverages Food away from base 1/ Altobelic beverages		130 - 1 152 - 8 150 - 1 150 -	138 0 151 7 178 0 178 0	135 4 153 2 153 2 153 2 156 2 158 9 158 9 158 9		-21	30.00			201000000000000000000000000000000000000
Sheller	131:1	135:5		131:3	1:1	1:5	1:3	1:1	1:1	3:1
Besters' costs 2/ Besters' costs 2/ Besters costs 2/ Besters residential Other resters tosts Boscowsers cost 2/ Dowers' costs 2/ Boscowsers cost 2/ Boscowsers cost 2/ Baintenance and repair 1/ Baintenance and repair services 1/ Baintenance and repair consedition 1/ Fool and other willities Fool oil and other boscows! fast Cossedition and public services 1/ Boscowself furnishings and operation 1/ Boscowself furnishings 1/ Boscowself fur								-10-7	***************************************	
Other Delivious and electricity (energy	115-1	*** *					1:1	1:1		1:1
Bosselsonia corvices 1/					-	-	-1:1	1.1	1.1	
										-1:1
Transportation Private transportation Bow values Bow cars Deed cars Deed cars Dead								-		1
Public Personal Control of Contro	1:1:1	123:\$	127:2	131:5	1:5	-14:5	1:1	1:00	1:1	1:1:
Hodical care	111		111		11	11	H	11		
Entertainment commedition 1/	111:1	111:1	133:1	111:3	1:1	1:1	33	1:1	1:1	::
Other goods and services	11:1	111:3	H:I	18:1	::	11:3	1:1	1:1	1:1	14:3
Personal and corrient decided and correct and control of personal core and control of personal core appliances and core appliances are applianced appliances are control of the core appliances are control of the core and core appliances are control of the core and core appliances are control of the core and core are appliances are control of the core and core are control of the core are control of the core and core are control of the core are c									H	
All liego					2.5	2.6	2.6	1.9	3.1	2.7
All lives Food and boverage Commedition Food and boverage Commedition Food and boverage Food and boverage Food and boverage Food and boverage Food and opposed food and boverage Foreign Foreign Foreign Foreign Foreign Food and opposed food food food food Foreign Foreign Food of abolier 1/ 2/ Food of ab								4		
Services	Mi		III.	III.	11	"1"		H	1:1	1.1
Bossophia perrigto Toos rest										
Other services			Hi		11	-11		11	1:1	
in this	12:1	##	1	in i	-1:1	111	-1:1	.:	1:1	-1:1
}										

por sousceally adjusted to 2-100 base.

Bote out evaliable.

Bote spiles to a could as a whole, not to any specific date.

COLUL	Pricing		Inte	200		Perce	1,500		Perce	1,57*7	e to
CPI-U "	ochedule	1885.	1592	1552	1952	1551	1992	1552	1551	1563	1992
E.f. city average	•	141.3	141.8	142.0	141.9	2.9	0.1	-0.1	3.0	0.5	4.2
Sire & - Mare than 1 200 000	ı	127					=:{}		3.3	: 3	
Sire A - Here than 1,266,666							:	1	1:1	-:}	
							-:		H	1	:1
**************************************	i	134.5	136.5	136.0	136.4	1:1	:	-:1	3:3	1.7	:
1110 Classon	ı			13:1			:}	-:1	1:1	1	:3
Selected local areas Chicago-Gary-Lake County, IL-IB-WI Los Angeles-Assable-Elverside, Co. E.TSrthers B.JLong Island, 87-8)-Cf PhilWilnington-fronton, PA-EJ-BE-BD- Son Francisco-Onlined-Sas Jose, CA	1					1:1		-	3:1	****	
baltimore, Mp bosine-Lavrence-Sales, Ma-68 Cleveland-Akrow-Laraie, DH Hismi-Fert Landerdale, FL It. Louis-East St. Louis, M0-IL Vachingtos, M-68-va			:				:	:			:
Delias-Port Worth, TI Deltrait-ass Arber, MI Bestica-Galvestos-Braseria, MI Pittaborgh-Boover Valley, 64	1	i		:		1:1	-1:}	:	:	:	:

CPI-W	Belative importance, December	TSS:	106ezes 1952	percent change to let. 1992 from- Dec. 1991 Boy. 199	Sept. to	oct. to	Boy, to
Expenditure cotegory	100,000	172:3	132:5	2.9 0.0	9.4	0.2	0.1
Poed and beverages Food at home Cercals and behavy products [] Maste, positry, fish, and egis Bairy products [] Fruits and vegetables Other food at home Beaslendin beverages Other propared food Pood oney from home [] Atchabite howeverage	1 - 547 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	138 - 6 138 - 6 152 - 5 152 - 5 152 - 6 152 -	139 - 1 137 - 6 137 - 6 132 - 1 128 - 5 131 - 5 132 - 5 131 - 5 141 - 6 147 - 7		-		445799595959
Spains Spains Spains Spains Spains Souther resider() Souther res	22 - 17 1 24 - 17 1 27 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	136.0 148.5 148.2 178.6 143.7 143.7 143.7	136 - 1 146 - 7 141 - 4 176 - 5 143 - 5 143 - 5 123 - 0 123 - 0	-1			
Post ond other stillstee	1:333	111:4		7:1 -1:1	-3	. ':	=:1
Gos (piped) and electricity (energy	3.766	114.3	115.1	2.9 .7		1.0	-1.0
		107.3	130.0			1	
	285						11
Private interpretation Private interpretation Dev tohicitat Dev	1:175	120 - 5 120 -			***************************************		
Public transports in []	1:114				.5	.5	1
Medical care comodities	1:11	1			:	:	
Intertal second 1/ second 11/ 1/	1:114	111:1	111:1	1:1 -:1	:3	-:3	-:
Tobors and sorvices Tobors and sorvices Personal care !/ Tollet goods and personal care appliance Personal care structure Personal care structure Personal socks and supplies Personal and obsectional Veryones Personal and obsectional veryones					**		
Commodity and service group All items Commodities Comm						-1	-i:
Serebles					:	:	-:
Transportation derrices Transportation derrices Bodiel care corrices	1:11	18:1			1:\$:	:}
		149-1	149-9	1:1 ::	:1	:1	:1
						1.00	
	3:111	181:1	131:1	i:1 -i:	:	:1	-1:]
"[HE HEAT]" 1/2" " " " " " " " " " " " " " " " " " "	:	::111	*:512	· ·i· ·		:-1	•
1/2	to a	., .p.e	4.10.				

(1982-84-100, unless otherwise moted)			
CPI-W Expenditure category	1991	Average 1992	fercest change from 1991 to 1992
All items (1967-100)	134:3	171:3	2.9
Food and beverages Food at home Cereals and bakery products Beats, poultry, fish, and aggs Bairy products Fruits and vegetables Other food at home Sugar and ouests Fats and oils Bonalcabolic beverages Other propared food Food oway from home Alcabolic bevarages	136.5 136.5 135.5 145.6 124.8 155.6 129.2 129.2	138.3 137.5 136.4 151.3 130.8 128.2 154.8 132.8 132.8 132.7 114.6	1:3 3:7 -1:4 -1:5 -1:4 -1:4
Shelter costs 1/	131.2 142.5 136.9 175.0 136.9 137.1 126.7 127.8 133.4 119.8	135.0 147.2 141.2 146.5 185.5 141.5 141.5 141.6 130.2 129.9 136.8 117.5	2.9 3.3 3.3 5.5 5.5 5.4 2.5 2.5 2.5
Other resters enabled to the resters of the resters	94.4 113.4 115.7 129.4 127.4 127.4 127.4 127.4	90.6 114.3 143.1 116.9 107.8 130.7 130.7 120.3 125.6 131.6	1:5
Transportation Private transportation Bow webicles Bow cars Doed cars Botor fuel Gasoline Maintenance and repairs Other private transportation Other private transportation services Public transportation	123 - 1 121 - 7 1215 - 1 125 - 1 125 - 1 125 - 1 125 - 1 126 - 4 126 - 4 126 - 6	125 . 8 124 . 4 128 . 6 128 . 6 128 . 6 129 . 0 141 . 8 149 . 9 140 . 2 160 . 2	2.2 2.7 2.4 2.6 2.6 2.7 2.7
Notical care commodities Notical care ocruicas Notical care ocruicas Professional modical services	123:3	182:5	
Entertainment commedities	121:3	128:3	1:1
Other goods and services Tobacce and sanking products Personal Care Toilet goods and personal care appliances Personal care services Personal and educational expenses School books and supplies Personal and educational services	171 - 7 102 - 5 134 - 7 136 - 7 181 - 8 180 - 2 182 - 2	183.3 719.7 136.6 140.6 194.3 190.6	
Commodity and service group	*** *		• •
All items Commedities Food and beverages Commedities less food and beverages Bondurables less food and beverages Apparel commedities Bondurables less food beverages			1:1
Commodities Food and beverages Commodities less food and beverages Apparel commodities Bondurables less food, beverages Apparel Bondurables Services Lest of abelter 1/ Bonsebold services less rest of abelter 1/ Transportation services Bodical care services Other services			
	122-0	120-2	1-1
All items loss shelter All items loss shelter All items loss bestevers; costs 1/ All items loss bestevers; Bestevers loss seed of shelter 1/ Bervices loss seed on shelter	100 100 100 100 100 100 100 100 100 100	135 - 7 135 - 7 135 - 7 137 - 8 138 - 8 148 -	
1/ Indexes on a December 1984-100 base.		-	

15

	300001	sally say	noted in	40205		304501	percent	change for	onal rate	
CPI-W	1951	9ct :	1992	Pec :	1952 1952	June 1992	50004- 1952	Pec :	June 1992	Dec. 1992
Expenditure category	.,,,							••••		
1 1tems	-	-	-	-	3.0	2.7	2.9	2.6	2.8	2.
Food at bone	132:3	137:5	131:4	132:3	1:	-1:4	2:1	1:3	-:1	1:
Cereals and bakery products 1/	157:8	157:4	137:5	153:9	1:3	-1:3	1:3	-1:3	-1:1	1:
Fruits and vogetables	133:3	133:3	133:3	128:3	3:3	-23:3	21:	-3:5	-10:0	13:
Sagar and owests 1/	133.5	133:3	133:4	131:3	1:3	1:3	-:3	=:1	1:2	=1:
Other prepared food			Hi		E	1:3	-1:			1
Cereals and baker; products 1/ masts, positry, flah, and oggs bairy products 1/ Fraits and vagetables Other food at bose 1/ Fats and oils 1/ Bonalcoho'is beverages Other prepared food Alcoholis beverages	177:1		141:3					3:3		2.
Senting Shelter She	125:3	124:5	14:3		1:1	3:4	1:5	1:	3:3	1:
Best, residential		147:4		187:4	-1:1	13:3	7:3	-3:1	3:4	3:
Overs oquivalent rest 2/		147:7		1833	3:1	11	3:1		1:1	1
Baintenance and repairs 17	132:3	142 - 7 142 - 7 142 - 7 131 - 3 138 - 7	31:3	133:8	-:8	-1:9	=:3	-11	-1:5	2:
Puel and other utilities	117:3	111:3	113:1	111:1	33	7:1	3:1	7:1	1:0	- }
Fuel oil and other bouncheld fuel	92.8	93.2	92.6	90.9	-20.6	13.0	7.7	-7.9	-5.1	
Ges (piped) and electricity (energy	111:3	111:8	111:3	111:3	-1:2	1:1	3:5	3:6	1:	3:
Bousefurnishings I/		147:2 138:2	147:3	117:7	-1:1	-1:3	-: }		3:	-:
Bousehosping supplies 1/	138:4	133:2	138:2	138:5		3:2	4:3	-1:3	5:8	3:
Apparel and uptop Apparel comp/dition Bas's and boy's apparel Logos's /Ad Siris' apparel Infants' and todicers' apparel Footward Other Apparel commodition 1)' Apparel services 1/-		13:3	131:3	127:3	11:1	34	-,:}	1		
Hopen's rad siris apparel	13:1	133:\$			-9:1	1:1	1:1			-1
Other apparel commedities 1)	111:3	13:1	111:1	133:3	2]:	1:1	1:3	-11:3	13:3	-1
Appeared services 1/		127.4	127.9		-			2.9		7:
Private transportation		134:1	134:4		-1:1			-1:1		1.
Bou cars	123		18:1	122:3	-1:1	11:1	15.1	-	1:5	-1
Majotosasco and repairs 1/	123:4	155.2	121:3	123:	7:3	29:0	1:1	1:1		-1:
Bow vehicles Bow cars Dand cars Gasoline Maintenance and repairs / Other private transportation Other private transportation Commodition / Other private transportation Commodition / Other private transportation	194.2	104.0	104.1	104.0	0	-2.3		0	-1.5	•
Other private transportation	111:1	1\$7:\$	152:3	111:1	11:3	-12:9	2:2	3:5	-3:8	13:
Public transportation 1/							6.3	6.0	7.2	6.
Medical care commedities Redical care commedities Bedical care services Frefensional medical services			183		11	11	2 :}	\$:1	3:3	\$
Entertainment 1/										2.
Entertainment consedities 1/	134:3	131:1	137:1	111:3	1:1	13	::1	1:3	3:3	1:
Other goods and services Tobacce and services Personal tare 1/ad personal care Toilet goods and personal care Personal and educational Expenses School books and sepplies Personal and educational expenses Personal and educational expenses	155:1	111:1	131:3	133:3	1:3	11:3	4	1:1	3:1	3
Tollet goods and personal care						••	3.4			
Personal care of vices 1/	14:1	14:1	111:1	121:3	13	H		11	1:1	1
Personal and educations: services	187:1	122:3	155:5	188	13	1:3	2:5		1:1	1
Connedity and service group			_	_				2.4		,
Commodition Food and beverages Food and beverages Commodition loss food and beverages Apparel commodition Boodurables loss food and beverages 1/ . Apparel commodition Boodurables loss food beverages 1/ . Boodurables loss food beverages . Bornables Bornables Bornables Bornables Loss of Section 1/ / / Boodurables delicity 1/ / Transportation Bervices Bodies Care services	133:5	133:3	139:1	133:3	H	-	1:1	1:7	3:5	Ī
Bondurables less food and beverages		14:1	Hil			.1:1	11	=1:3	1	
Bondarables loss food, beverages,	130.0	130.1	130.5		-1.0		9	3		_ 4
Services	14.1				11	1:1	1:1	1:1		3
Bossebeld services Toss rest	120.6				-					
Process care services	16.			143					13	i
Special indexes										
11000 1000 1001	18:1	III:	137:5	111:1	3:3	1:7	3:2	1:1	3:5	3
items less beservers' costs 1/	131:1	131:7	137:3	133.1	1:1	1:1	1:1	H		1
	12:1	18:4	18:3	138:7	-1:1		1:3	-1:	1:1	
items con food con con 2 con	131:1	131:1	133:1	122:1	-	1:1	1.		1:1	1
TVICES less medical care services					-1:1					1
	145:7				1:1	-	-			-
Borry competition	1:11:1	Hi	1	122:1	-1:1	1	-1:1	.:	1:1	-1
lolares on a becomer feet-100 base.										

Table Computer Price Index for Orban Wage Earners and Clorical Workers (CPI-W): U.S. city average, by expenditure estagory commodity and Service group

(1982-84-100, malous otherwise aster		Indexes				Percent change to bec. 1992 from-			Bor. 1992 from-		
CPI-W ""	ochige!	1553	901. 1992	1992	1992	1991	Oct. 1992	1992	1991	1952	1992
U.S. city average		139.1	139.6	139.8	139.8	2.9	0.1	0.0	2.9	0.5	0.
1100 0 - 1000 1000 1000 000 000 000		144:5	14:3	147:1	14:3	1:1	-:}	4		:	:
							:	-:		:	:
Size 9 - Beanetropelitas (loss than 50,000)		131.5	132.1	132.7	132.2	1:1	-:	=:1	H	:	
Size 5 - 50,000 to 1,200,000 Size 5 - 50,000 to 1,200,000 Size 5 - 50,000 to 416,000 Size 5 - 60,000 to 416,000		135.9	135:1	139:3	137:1	H	:1	-: 1	1:3	1.0	•
**** * * *****	-	131:5	141:3	111:1	121:5	3:4	:1	-:1	3:3	1:3	:
2)	::::: I	11:1					3		H	3	:
Selected local areas								.2	3.3	1	
Chicago-dary-Lake County, IL-ID-II. Log Ages log-lask-live pide, Ci., Ci., Ci., Ci., Ci., Ci., Ci., Ci.	¥ -et						- }	= 1		-	-
baltimore, MD bales, Ma-ME Cleveland-Akros-Lerais, ME Blami-Port Landerdale, FL St. Leris-Baltimore, MS-ME						1	•				i
Ballas-Port Borth. II		:		:		H	-1:3	i	i	i	i
1/ Poods, fuels, and several indicated:	other item pri	the metio	renter. December mai CPI Chotanti than the		Sach is sample at 1 100cm	ocal ind	or has a ther mea gh their er adopt	smaller surement long-to ing the	sample error. re trons	ise the	

10 - 12 - 93